# Notebook, N-09-00-00.2

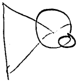
| | | Cold | 25 | 50 | 100 | 150 | 200 | A4 Equiv Conditioning | 300 | Heat |
|---|---|---|---|---|---|---|---|---|---|---|
| Reg Litbr 708 BD - 3½ - 7 floxig gent - reduced H. Lauer loading - 7.3f 24g - 21% KOH 1 grm LiOH. | 10000 | 1487 | 1546 | 1546 | 1479 | 1329 | | | | |
| | 10001 | 1508 | 1550 38 | 1533 | 1458 | 1229 | Co | 118 A4 Cdg | | |
| | 10002 | 1542 | 1554 | 1546 | 1438 | 1396 | | | | |
| Dup 10000 RUN COLD | 10003 | 1558 | 1588 | 1596 | 1483 | 1208 | | | | |
| | 10004 | 1563 | 1625 | 1625 | 1563 | 1375 | Co | | | |
| | 10005 | 1504 | 1558 | 1558 | 1479 | 1379 | | 118 | | |
| Dup 10000 21% KOH 2 grm LiOH | 10006 | 1504 | 1588 | 1571 | 1321 | 1337 | | | | |
| | 10007 | 1492 | 1571 | 1567 | 1292 | 1250 | Co | | | |
| | 10008 | 1558 | 1629 | 1596 | 1367 | 1375 | | 118 | | |
| Dup 10006 RUN COLD | 10009 | 1579 | 1592 | 1567 | 1408 | 1325 | | | | |
| | 10010 | 1598 | 1638 | 1608 | 1454 | 1363 | Co | | | |
| | 10011 | 1554 | 1613 | 1604 | 1479 | 1400 | | 122 | | |
| Dup 10000 21% KOH 3 grms LiOH. | 10012 | 1513 | 1632 | 1592 | 1300 | 1325 | | | | |
| | 10013 | 1508 | 1679 | 1638 | 1383 | 1375 | Co | | | |
| | 10014 | 1513 | 1671 | 1546 | 1313 | 1150 | | 121 | | |
| Dup 10012 RUN COLD | 10015 | 1500 | 1671 | 1571 | 1521 | 1450 | | | | |
| | 10016 | 1513 | 1554 | 1550 | 1458 | 1333 | Co | | | |
| | 10017 | 1571 | 1646 | 1663 | 1633 | 1600 | | 131 | | |
| Dup 10000 21% KOH 4 grms LiOH. | 10018 | 1438 | 1700 | 1458 | 1233 | 813 | | | | |
| | 10019 | 1458 | 1771 | 1242 | 1283 | 1146 | Co | | | |
| | 10020 | 1463 | 1729 | 1392 | 1229 | 1304 | | | | |
| Dup 10018 - RUN COLD | 10021 | 1496 | 1629 | 1675 | 1725 | 1713 | 1663 | 1625 | 1546<br>1813 | Cold<br>1492 |
| | 10022 | 1442 | 1550 | 1596 | 1600 | 1617 | 1533 | 1521 | 1396<br>1746 | 1229 |
| | 10023 | 1442 | 1596 | 1629 | 1667 | 1696 | 1617 | 1621 | 1571<br>1796 | 1496 |
| Co | | | | 409 Cold | 1479<br>1446<br>1579 | 1771<br>1708<br>1808 | 1424<br>1263<br>1479 | 350<br>1571<br>1438<br>1688 | 1813<br>1750<br>1850 | 1304<br>1125<br>1404 |

|  |  | Cold | 25 | 50 | 100 | 150 | 200 | 250 | 250½ | Hot | 300 | Hot |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10000<br>21% KOH. 6 grms LiOH. | 10024 | 1450 | 1596 | 1333<br>1719 | 1104<br>1246 |  | Co |  |  |  |  |  |
|  | 10025 | 1487 | 1613 | 1113<br>1613 | 1146<br>1405 |  | 117 |  |  |  |  |  |
|  | 10026 | 1446 | 1617 | 1000<br>1572 | 1033<br>1200 |  |  |  |  |  |  |  |
| Dup 10024<br>RUN COLD | 10027 | 1475 | 1586 | 1729 | 1679 | 1721 | 1333 | 1458 |  |  | 1396<br>1575 | Cold<br>1217 |
|  | 10028 | 1450 | 1563 | 1708 | 1658 | 1692 | 1333 | 1388 |  |  | 1442<br>1629 | 1079 |
|  | 10029 | 1454 | 1583 | 1729 | 1663 | 1654 | 1438 | 1388 |  |  | 1288<br>1583 | 1225 |
| Dup 10000<br>21% KOH. 9 grm LiOH. | 10030 | 1517 | 1363 | 1054<br>1554 | 500<br>500 |  |  | Co | 10027 | 350<br>1021 X | 1302 | B Sous |
|  | 10031 | 1479 | 1313 | 917<br>1121 | 500<br>750 |  | 35 |  |  | 1021 | 1354 |  |
|  | 10032 | 1517 | 1450 | 1275<br>1600 | 500<br>750 |  |  |  |  | 1250 | 1496. |  |
| Dup 10030<br>RUN COLD | 10033 | 1525 | 1521 | 1696 | 500 |  | Co |  |  |  |  |  |
|  | 10034 | 1508 | 1521 | 1721 | 500 |  | 35 |  |  |  |  |  |
|  | 10035 | 1525 | 1529 | 1729 | 500 |  |  |  |  |  |  |  |
| Dup 10000<br>21% KOH 12 grms LiOH. | 10036 | 1525 | 1213 | 933 X<br>1104 | 500 ^<br>629 |  |  |  |  |  | Split ring broken |  |
|  | 10037 | 1521 | 1108 | 933 X<br>1083 | 500 X<br>657 |  | 35 |  |  |  | Ring broken 4 places |  |
|  | 10038 | 1542 | 1167 | 1021<br>1254 | 500 X<br>500 |  |  |  |  |  |  |  |
| Dup 10000<br>25% KOH 1 grm LiOH | 10039 | 1679 | 1700 | 1585 | 1521 |  |  |  |  |  |  |  |
|  | 10040 | 1625 | 1583 | 1425* | 1317* |  | Co 126 |  |  |  | Split. |  |
|  | 10041 | 1667 | 1604 | 1488 | 1383 |  |  |  |  |  |  | G |
| Dup 10039<br>RUN COLD | 10042 | 1663 | 1763 | 1733 | 1767 |  | 1677<br>1783 | 1596 | 1742 | Cold<br>1213 | 1367<br>1650 | 796 |
|  | 10043 | 1679 | 1750 | 1737 | 1738 |  | 1571<br>1721 | 1496 | 1692 | 1175 | 1277<br>1583 | 713 |
|  | 10044 | 1721 | 1804 | 1771 | 1829 |  | 1717<br>1858 | 1696 | 1833 | 1262 | 1304<br>1608 | 688<br>OVER |
| Dup 10000<br>25% KOH 2 grms LiOH | 10045 | 1700 | 1817 | 1700 | 1696 |  | 1429<br>1742 | 1442 | 1713 | 608 | 20 at hot<br>613 |  |
|  | 10046 | 1696 | 1779 | 1696 | 1658 |  | 1421<br>1713 | 1379 | 1629 | 596 | 488 |  |
|  | 10047 | 1704 | 1833 | 1708 | 1667 |  | 1354<br>1654 | 1379 | 1658 | 667 | 608 |  |

OVER 10042

|  | 300 | ½ |  |
|---|---|---|---|
| 10042 | 1608 | 1717 | 1096 |
|  | 1546 | 1688 | 1046 |
|  | 1729 | 1842. | 1163 |

|  | 350 |  |  |
|---|---|---|---|
| 10042. | 1617 | 1729 | 1250 |
| 43 | 1496 | 1663 | 1138 |
| 44 | 1688 | 1825 | 1308 |



|  |  |  | 25 | 50 | 100 | 150 | 200 | 250 | 1/2 | ~~Hot~~ Cold |  | Oven |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10045<br>RUN COLD | 10048 | 1779 | 1821 | 1800 | 1850 |  | 1708<br>1883 | 1783 | 1975 | 147 | 1767 | 1946 | 1233 |
|  | 10049 | 1746 | 1792 | 1758 | 1796 |  | 1621<br>1813 | 1725 | 1946 | 1343 | 1800 | 1992 | 1204 |
| 25% | 10050 | 1767 | 1779 | 1771 | 1854 |  | 1708<br>1875 | 1783 | 1975 | 1463 | 1817 | 1971 | 1263 |
| Dup 10000<br>25% KOH 3 grams LiOH, | 10051 | 1742 | 1933 | 1750 | 1492 |  | 1204<br>1929 | 1138 | 1671 | 1217 |  |  |  |
|  | 10052 | 1696 | 1879 | 1721 | 1500 |  | 1250<br>1575 | 975 | 1417 | 1033 | Co |  |  |
|  | 10053 | 1717 | 1908 | 1729 | 1554 |  | 1292<br>1583 | 1208 | 1517 | 1267 | 300 |  |  |
| Dup 10051<br>RUN COLD | 10054 | 1667 | 1696 | 1671 | 1738 |  | 1571<br>1833 | 1558 | 1946 | cold<br>1429 | 1583 | 1929 | 1263 |
|  | 10055 | 1650 | 1679 | 1646 | 1667 |  | 1529<br>1700 | 1646 | 1833 | 1363 | 1571 | 1875 | 1138 |
| 25% | 10056 | 1675 | 1708 | 1654 | 1696 |  | 1583<br>1788 | 1696 | 1904 | 1438 | 1583 | 1917 | 1137 |
| Dup 10000<br>25% KOH 4 grams LiOH | 10057 | 1700 | 1817 | 1629 | 1296 |  |  |  |  |  | Co |  |  |
|  | 10058 | 1708 | 1833 | 1696 | 1296 |  | Co | 114 |  |  |  |  |  |
|  | 10059 | 1646 | 1775 | 1617 | 1283 |  |  |  |  |  |  |  |  |
| Dup 10057<br>RUN COLD | 10060 | 1688 | 1783 | 1721 | 1696 |  | 1500<br>1813 | 1479 | 1783 | cold<br>1350 | 1300 | 1588 |  |
|  | 10061 | 1600 | 1696 | 1667 | 1604 |  | 1483<br>1717 | 1417 | 1658 | 1313 | 1229 | 1471 |  |
|  | 10062 | 1600 | 1700 | 1675 | 1608 |  | 1463<br>1650 | 1383 | 1575 | 1292 | 1196 | 1388 |  |
| Dup 10000<br>25% KOH 6 grams LiOH, | 10063 | 1717 | 1833 | 1417 | 958 |  | Co |  |  |  |  |  |  |
|  | 10064 | 1696 | 1775 | 1500 | 958 |  |  | 65 |  |  | Co |  |  |
|  | 10065 | 1700 | 1758 | 1467 | 946 |  |  |  |  |  |  |  |  |
| Dup 10063<br>RUN COLD | 10066 | 1658 | 1775 | 1675 | 1560 |  |  |  |  |  |  |  |  |
|  | 10067 | 1742 | 1779 | 1700 | 1608 |  | Co | 140 |  |  |  |  |  |
|  | 10068 | 1742 | 1767 | 1725 | 1579 |  |  |  |  |  |  |  |  |
| Dup 10000<br>25% KOH 9 grams LiOH. | 10069 | 1600 | 1329 | 829 | 492* |  |  |  |  |  |  |  |  |
|  | 10070 | 1608 | 1379 | 946 | 583 |  | Co | 48 |  |  |  |  |  |
|  | 10071 | 1629 | 1413 | 942 | 617 |  |  |  |  |  |  |  |  |

|  |  |  |  |
|---|---|---|---|
|  | 350 |  |  |
| 10048 | 1833 | 2029 | 1579 |
| 49 | 1775 | 2046 | 1625 |
| 50 | 1858 | 2038 | 1633 |

Bent

Bent, Split & Broken

Split badly, ring broken

| | | | 25 | | 50 | 100 | 150 | 200 | 250 | 1/2 | ~~Hot~~ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10069<br>RUN COLD | 10072 | 1667 | 1638 | | 1192 x | 1008* | Co q1/2 T. [illegible] only Ni | | | | | | |
| | 10073 | 1567 | 1571 | | 1125 | 1767 | | | | | | | |
| | 10074 | 1679 | 1638 | | 1213 | 1000 | | | | | | | |
| Dup 10000<br>25% KOH. 12 grm LiOH.<br>23.9 - 7.2 f | 10075 | 1563 | 913 | | 854 | 483* | | B5 Co | | | | | |
| | 10076 | 1625 | 1354 | | 938 | 538* | | | | | | | |
| | 10077 | 1688 | 1354 | | 942* | 538* | | | | | | | |
| Dup 10075<br>RUN COLD | 10078 | 1521 | 1292 | | 629 | 558 | Co nit. E | | | | | | |
| | 10079 | 1663 | 500 | | 850 x | 575 x | B5 | | | | | | |
| | 10080 | 1633 | 1354 | | 625 | 583 x | | | | | | | |
| Dup 1000<br>33% 1 grm LiOH.<br>7.2 23.9 | 10081 | 1908 | 1829 | | 1833 | 1708 | 1308 | 1250 x<br>1721 | 1121 | 1608 | 492 | Co | |
| | 10082 | 1888 | 1833 | | 1792 | 1654 | 1313 x | 1183<br>1708 | 1083 | 1583 | 525 | | |
| | 10083 | 1950 | 1875 | | 1792 | 1567* | 1163 x | 1000<br>1280 x | 813 | 1038 | 446 | | |
| Dup 10081<br>Run Cold<br>33% 1 LiOH. | 10084 | 1875 | 1808 | | 1829 | 1771 | 1600 | 1646<br>2146 | 1583 | 2146 | Cold<br>1338 | 1713 | 2229 |
| | 10085 | 1833 | 1813 * | Bent Split | 1804* | 1738 x | 1592 x | 1646 x<br>2067 | 1568 | 2064 | 1313 | 1650 x | 2096 |
| | 10086 | 1950 | 1871 * | Split | 1921 | 1888 x x | 1696 x | 1667 x<br>2129 | 1583 | 2138 | 1375 | 1667 x | 2158 |
| Dup 10000<br>33% 2 grms LiOH. | 10087 | 1830 | 1896 | | 1888 | 1500 | Co | | 140 | | | Co VB.S | |
| | 10088 | 1763 | 1808 | | 1883 | 1629 | | | | | | | |
| | 10089 | 1829 | 1833 | | 1817 | 825* | | | | | | | |
| Dup 10087<br>Run Cold | 10090 | 1775 | 1750 | | 1875 | 1825 | 1592 | 1604<br>2042 | 1417 Cd | 1792 | Cold<br>1433 | 1226 | 1542 |
| | 10091 | 1808 | 1808 | | 1954 | 1833 | 1592 | 1617<br>2033 | 1383 | 1746 | 1396 | 1167 | 1425 |
| | 10092 | 1750 | 1746 | | 1875 | 1696 | 1450 | 1563<br>2018 | 1308 | 1742 | 1333 | 1196 | 1521 |
| Dup 10000<br>33% 3 grms LiOH. | 10093 | 1763 | 1800 | | 1817 | 1129 x | Co | 97 | split | | | Co | |
| | 10094 | 1750 | 1750 * | Split | 1583* | 1000 x | | | | | | | |
| | 10095 | 1771 | 1750 | | 1750 | 1129 | | | | | | | |

1570
120
31400
1570
1884

Holland had them after 200

| | | | | | 50 | 100 | 150 | 200 | 250 | 1/2 | Hot | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10093 Run Cold | 10096 | 1708 | 1863 | | 1925 | 1738 | 1408 | 1279<br>1321 | 1054 | 1191 | 942 | Setaside |
| | 10097 | 1704 | 1833 | | 1875 | 1768 | 1321 | 1221<br>1483 | 950 | 1004 | 883 | |
| | 10098 | 1779 | 1938 | | 1975 | 1688 | 1333 | 1217<br>1408 | 946 | 1038 | 871 | |
| Dup 10000 33% 4 grams LiCl. | 10099 | 1467 * | 1300 * | bad split | 1021 * | | | split | | | | |
| | 10100 | 1667 | 1608 | | 1329 x | | | Co [illegible] | | | | |
| | 10101 | 1667 | 1638 | | 1192 x | 1463 | | | | | | |
| Dup 10099 Run Cold | 10102 | 1708 * | 1917 * | split. | 1858 * | 1463 x | | Co split | | | | |
| | 10103 | 1667 | 1879 | | 1833 | 1579 | | 136 | | | | |
| | 10104 | 1704 | 1908 | | 1854 | 1529 | | | | | | |
| Dup 10000 33% 6 grams LiCl - | 10105 | 1642 | 1521 | | 971 | | | Co [illegible] | | | | |
| | 10106 | 1642 | 1446 | | 892 | | | | | | | |
| | 10107 | 1642 | 1471 | | 875 | | | | | | | |
| Dup 10105 Run Cold | 10108 | 1746 * | 1529 x | bad split | 1325 * | 979 x | | Co split. | | | | |
| | 10109 | 1621 | 1779 | | 1667 | 1304 | | 117 | | | | |
| | 10110 | 1604 | 1779 | | 1750 | 1329 | | | | | | |
| Dup 10000 33% 9 grams LiCl. | 10111 | 1604 | 1392 | | 583 * | | | Co [illegible] | | | | |
| | 10112 | 1604 | 1346 | | 580 | | | | | | | |
| | 10113 | 1567 | 1250 * | bad split | 725 x | | | | | | | |
| Dup 10111 Run Cold | 10114 | 1563 x | 1692 | | 1400 x | 1096 | | Co split | | | | |
| | 10115 | 1196 x | 1458 x | bad split [illegible] | 1000 x | 767 | | split | | | | |
| | 10116 | 1583 | 1633 | | 1400 | 1067 | | | | | | |
| 21 Hole 005 1½ 3/2 237'<br>4 flox - 24 —<br>6.8 239 to be chgd 4500 Milamp 1/4 rate<br>dirty Reg rate - | 10117 | 1629 | 1508 | | 1471 | 1438 | 1388 | 1388<br>1408 | Set aside | | | |
| | 10118 | 1633 | 1354 | | 1221 | 1096 | 938 | 867<br>883 | | | | |
| | 10119 | 1654 | 1546 | | 1496 | 1479 | 1388 | 1375<br>1404 | | | | |

|  |  |  |  | 50 | 100 | 150 | 200 | Hot 200 | 250 | ½ | Hot | 300 New Fe |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10117<br>21% 2 gram LiOH!<br>to [illegible] 1/4 rate — | 10120 | 1517 | 1667 | 1621 | 1500 | 1333 | 1354<br>1517 |  | 1250 | 1450 | 871 | Holland |  |
|  | 10121 | 1529 | 1721 | 1688 | 1608 | 1413 | 1379<br>1604 |  | 1325 | 1571 | 875 |  |  |
|  | 10122 | 1513 | 1683 | 1688 | 1625 | 1417 | 1400<br>1617 |  | 1300 | 1600 | 892 |  |  |
| Dup 10117 4500 mil amp<br>Chgd 1/4 rate<br>[illegible] 75% of cap [illegible] 3 times<br>then chgd [illegible]<br>21% | 10123 | 1558 | 1621 | 1508 | 1354 | 1154 | 1071<br>1100 |  | 988 | 1000 | 283 | Holland |  |
|  | 10124 | 1550 | 1638 | 1542 | 1442 | 1283 | 1221<br>1242 |  | 1100 | 1108 | 275 |  |  |
|  | 10125 | 1538 | 1638 | 1571 | 1542 | 1450 | 1376<br>1400 |  | 1350 | 1363 | 308 | 300 |  |
| Reg [illegible] 4 NO2 [illegible]<br>3½ 237- 708<br>21% 50 milg LiOH | 10126 | 1754 | 1721 | 1638 | 1558 | 1404 | 1345<br>1392 |  | 1238 | 1250 | 379 | 1221<br>1246 | 425 |
|  | 10127 | 1742 | 1683 | 1592 | 1463 | 1350 | 1292<br>1335 |  | 1313 | 1325 | 354 | 1171<br>1200 | 408 C |
|  | 10128 | 1763 | 1696 | 1579 | 1450 | 1346 | 1354<br>1421 |  | 1313 | 1363 | 404<br>Cold | 1300<br>1325 | 463 |
| Dup 10126<br>Run Cold | 10129 | 1783 | 1746 | 1804 | 1783 | 1717 | 1650<br>1750 | C | 1533 | 1700 | 1167 | 1483 | 1683 |
|  | 10130 | 1813 | 1713 | 1717 | 1658 | 1500 | 1496<br>1650 |  | 1417 | 1583 | 1050 | 1254 | 1471 |
|  | 10131 | 1804 | 1746 | 1738 | 1696 | 1513 | 1450<br>1650 |  | 1333 | 1583 | 1070 | 1300 | 1500 |
| Dup 10126<br>21% 100 milg LiOH. | 10132 | 1775 | 1746 | 1642 | 1538 | 1363 | 1354<br>1496 | 363 | 1358 | 1404 | 338 | 1292 | C |
|  | 10132½ | 1646 | 1763 | 1700 | 1496 | 1392 | 1408<br>1454 | 408 | 1392 | 1498 | 346 | 1321 |  |
|  | 10133 | 1775 | 1729 | 1608 | 1400 | 1167 | 1063-1117 | 375 | 992 | 1029 | 346<br>Cold | 954 |  |
| Dup 10132<br>Run Cold | 10134 | 1763 | 1804 | 1850 | 1804 | 1796 | 1725<br>1788 |  | 1583 | 1750 | 1192 | S on S |  |
|  | 10135 | 1779 | 1813 | 1854 | 1854 | 1771 | 1713<br>1788 |  | 1608x | 1788 | 1196 | [illegible] |  |
|  | 10136 | 1779 | 1804 | 1863 | 1821 | 1804 | 1750<br>1825 |  | 1700 | 1817 | 1188 | New Fe |  |
| Dup 10126<br>21% 200 milg LiOH | 10137 | 1771 | 1813 | 1813 | 1646 | 1525 | 1521<br>1667 | 1521 | 1500 | 1608 | 458 | 1479 | C |
|  | 10138 | 1771 | 1788 | 1708 | 1579 | 1396 | 1354<br>1450 | 442 | 1263 | 1363 | 417 | 1250 |  |
|  | 10139 | 1746 | 1800 | 1754 | 1629 | 1471 | 1446<br>1563 | 396 | 1417 | 1492 | 438 | 1354 |  |
|  | ~~10140~~ |  |  | 300 |  |  |  | 350 — | 1433 | 1646 | 1063 | C |  |
| 1013- |  |  |  | 10134 | 1542 | 1683 | S on S |  | 1400 | 1658 | 1050 |  |  |
|  |  |  |  |  | 1542x | 1688 |  |  | 1525 | 1717 | 1079 |  |  |
|  |  |  |  |  | 1617 | 1721 |  |  |  |  |  |  |  |

10155 To 178 - 100 Runs in [illegible] gap [illegible] run in old gap 100 sec [illegible] [illegible]

| Notes | Run | | 25 | 50 | 100 | 150 | 200 | 200 Hot | 250 | 1/2 | Hot<br>Cold | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10137 Run Cold<br>4.2 No 2 ½ 24.2 | 10140 | 1754 | 1808 | [illegible] | 1854 | 1829 | 1771<br>1833 | | 1650 | 1796 | 1188 | 1625 | 1750 |
| | 10141 | 1742 | 1783 | 1850 | 1846 | 1829 | 1750<br>1825 | | 1608 | 1767 | 1233 | 1625 | 1721 |
| | 10142 | 1688 | 1717 | 1771 | 1792 | 1796 | 1771<br>1812 | | 1708 | 1788 | 1229 | 1625 | 1721 |
| Dup 10126<br>21% 400 mlg LiOH.<br>New Batch No 2 ½ fl[illegible] | 10143 | 1683 | 1733 | 1725 | 1621 | 1525 | 1368<br>1617 | 443 | 1467 | 1546 | 513 | New Fe<br>no bottles | |
| | 10144 | 1688 | 1729 | 1708 | 1617 | 1396 | 1404<br>1483 | 479 | 1354 | 1374 | 445 | | |
| | 10145 | 1717 | 1771 | 1796 | 1713 | 1471 | 1542<br>1683 | 563 | 1542 | 1654 | 546 | Co | |
| Dup 10143<br>Cold – [illegible]<br>350 Run<br>1550 1725 1133<br>1625 1775 1258<br>1613 1771 1163<br>Co | 10146 | 1688 | 1738 | 1804 | 1796 | 1738 | 1700<br>1750 | | 1663 | 1750 | Cold<br>1179 | | |
| | 10147 | 1683 | 1721 | 1763 | 1783 | 1750 | 1742<br>1788 | | 1688 | 1792 | 1246 | | |
| | 10148 | 1717 | 1754 | 1804 | 1821 | 1788 | 1742<br>1792 | | 1668 | 1796 | 1233 | | |
| Dup 10126<br>21% 700 mlg LiOH. | 10149 | 1679 | 1746 | 1779 | 1667 | 1479 | 1368<br>1679 | 667 | 1475 | 1629 | 604 | New Fe | |
| | 10150 | 1692 | 1725 | 1688 | 1550 | 1404 | 1367<br>1458 | 563 | 1279 | 1367 | 533 | no bottles | |
| | 10151 | 1692 | 1775 | 1813 | 1658 | 1463 | 1417<br>1667 | 633 | 1417* | 1608 | 525 | 5 | |
| Dup 10149<br>Co Run Cold<br>350<br>1729 1792 1308<br>1667 1771 1279<br>1696 1779 1296 | 10152 | 1692 | 1758 | 1817 | 1842 | 1800 | 1800<br>1833 | | 1750 | 1808 | Cold<br>1292 | | |
| | 10153 | 1688 | 1763 | 1808 | 1829 | 1850 | 1788<br>1858 | | 1713 | 1792 | 1321 | | |
| | 10154 | 1688 | 1733 | 1800 | 1821 | 1817 | 1804<br>1854 | | 1750 | 1817 | 1321 | | New Fe |
| Dup 10126 - 21% 1 gram LiOH.<br>Hope not to change solution at any time only fill H2O. no change sol during life of cell.<br>did change found out cold it | 10155 | 1692 | 1725 | 1583 | 1725 | 1525 | 1475<br>1667 | 688 | 1417 | 1608 | 667 | | 1571 |
| | 10156 | 1696 | 1738 | 1621 | 1750 | 1333 | 1150<br>1667 | 658 | 1367 | 1542 | 667 | Co | 1438 |
| | 10157 | 1704 | 1729 | 1567 | 1692 | 1453 | 1204<br>1646 | 696 | 1383 | 1575 | 696 | | 1417 |
| Dup 10155<br>Except 21% 2 gram LiOH.<br>Don't change sol during life | 10158 | 1646 | 1742 | 1550 | 1625 | 1333 | 1300<br>1600 | 833 | 1296 | 1575 | 800 | New Fe | |
| | 10159 | 1646 | 1704 | 1413 | 1463 | 1283 | 1192<br>1417 | 808 | 1121 | 1371 | 746 | Co Little | |
| | 10160 | 1633 | 1742 | 1500 | 1625 | 1354 | 1250<br>1554 | 863 | 1296 | 1571 | 813 | bottles | |
| Dup 10155<br>21% 3 gram LiOH.<br>Don't change sol during life | 10161 | 1638 | 1742 | 1563 | 1488 | 1263 | 700<br>1654 | 1308 | 1600 | 2000 | 1163 | | |
| | 10162 | 1654 | 1725 | 1529 | 1417 | 1217 | 875<br>1579 | 1088 | 1708 | 1888 | 1063 | | |
| | 10163 | 1663 | 1767 | 1567 | 1467 | 1271 | 888<br>1571 | 958 | 1658 | 1704 | 1067 | | |

350

| | | | |
|---|---|---|---|
| 10140 | 1525 | 1758 | 1133 |
| 41 | 1500 | 1733 | 1142 |
| 42 | 1604 | 1758 | 1175 |

Co

300

| | | |
|---|---|---|
| 10146 | 1604 | 1708 |
| 7 | 1663 | 1729 |
| 8 | 1667 | 1771 |

300

| | | |
|---|---|---|
| 10152 | 1750 | 1792 |
| 53 | 1704 | 1750 |
| 54 | 1713 | 1767 |

7/15583
1861

Probably Fe bad

| | ~~10165~~ | | 25 | 50 | 100 | 150 | 200 | 200 Hot | 250 | Hot | | Cap Hot 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10155<br>25% 1 gram LiOH.<br>Don't change Sol during life | 10164 | 1854 | 1625 | 1592 | 1638 | | 1317<br>1558 | 513 | 1292<br>1417 | 521 | | new #2 no filling |
| | 10165 | 1850 | 1633 | 1567 | 1675 | | 1250<br>1443 | 525 | 1208<br>1296 | 538 | | Co |
| | 10166 | 1879 | 1629 | 1617 | 1638 | | 1167<br>1654 | 558 | 1104<br>1450 | 492 | | |
| Dup 10164<br>25% 2 gram LiOH.<br>Don't change Sol during life | 10167 | 1929 | 1688 | 1583 | 1642 | 1267 | 1217<br>1671 | | 1142<br>1400 | 721 | Co | [illegible] 787 |
| | 10168 | 1927 | 1700 | 1663 | 1842 | 1458 | 1371<br>1933 | | 1229<br>1650 | 808 | | 875 |
| | 10169 | 1950 | 1721 | 1654 | 1729 | 1433 | 1308<br>1750 | | 1229<br>1621 | 725 | | 817 |
| Dup 10164<br>25% 3 gram LiOH.<br>Don't change Sol | 10170 | 1958 | 1725 | 1633 | 1750 | 1625 | 1463<br>1875 | | 1363<br>1579 | 929 | Co | 592 |
| | 10171 | 1988 | 1717 | 1493 | 1492 | 1333 | 1342<br>1629 | | 1288<br>1604 | 1050 | | 529 |
| | 10172 | 1988 | 1721 | 1538 | 1704 | 1317 Fe bad | 1250<br>1671 | x | 1042<br>1213 | 5 hours<br>933 | | 588 |
| Dup 10164<br>25% 4 gram LiOH.<br>Don't change Sol | 10173 | 1988 | 1738 | 1158 | 1379 | 1525 | 1083<br>1900 | | | | | 1267 |
| | 10174 | 1971 | 1758 | 1413 | 1375 | 1450 | 979<br>1679 | | | | | 1229 |
| | 10175 | 2021 | 1833 | 1563 | 1617 | 1508 | 1083<br>1925 | | | | | 1288 |
| Dup 10164<br>25% 6 gram LiOH—<br>Don't change Sol | 10176 | 1963 | 1917 | 1608 | 1542 | 1417 | 525<br>613 | | | | | 538 |
| | 10177 | 1992 | 1925 | 1583 | 1333 | 1167 | 583<br>708 | | | | | 604 |
| | 10178 | 2021 | 1850 | 1308 | 1300 | 767 | 579<br>629 | | | | | 583 |
| Reg tubes 1½ 3½ 237<br>414 No 2 ½ fl RA 719<br>Drained 2 hours filled Eng<br>21% 24 g | 10179 | 1500 | 1242 | 1021 | | Co | | | | | | |
| | 10180 | 1475 | 1358 | 1200 | | | | | | | | |
| | 10181 | 1458 | 1308 | 1146 | | | | | | | | |
| Dup 10179 719 Ra<br>21% 2 gram LiOH. | 10182 | 1708 | 1746 | 1779 | 1758 | 1592 | 1492<br>1950 | | 1492<br>1879 | 743 | | 963 |
| | 10183 | 1725 | 1746 | 1713 | 1683 | 1563 | 1063 x<br>1833 | | 1375<br>1604 | 721 | | 917 |
| | 10184 | 1733 | 1763 | 1767 | 1667* | 1529 | 1500 x<br>1750 | | 1438<br>1638 | 729 | | 917. |

1854 prop 100 run ½ V 200 —

|  |  |  |  | 50 | 100 | 150 | 200 | 200½ | Hot | 250 | Hot | Cap Hot 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10179<br>Run in 25% KOH, 719 Ra 2 hours | 10185 | 1546 | 1150 | 908 | Co Ni to E |  |  |  |  |  |  |  |
|  | 10186 | 1583 | 1283 | 1163 |  |  |  |  |  |  |  |  |
|  | 10187 | 1554 | 1296 | 1138 |  |  |  |  |  |  |  |  |
| Dup 10185 719 Ra<br>25% 2 grms LiOH. 2 hours | 10188 | 1733 | 1679 | 1721 | 1717 | 1483 | 1500<br>1846 |  | 900 | 1463<br>1646 | 671 | 900 |
|  | 10189 | 1721 | 1654 | 1658* | 1704 | 1404 | 1163 X<br>1950 |  | 896 | 1375<br>1646 | 646 | 896 |
|  | 10190 | 1675 | 1679 | 1688 |  |  |  |  |  |  |  | Co |
| Dup 10179 719 Ra 2 hours<br>27% KOH | 10191 | 1492 | 1217 | 1071 | Co Ni to E |  |  |  |  |  |  |  |
|  | 10192 | 1546 | 1171 | 938 |  |  |  |  |  |  |  |  |
|  | 10193 | 1508 | 1292 | 1133 |  |  |  |  |  |  |  |  |
| Dup 10191<br>27% 2 grms LiOH. 2.4 - 4.1 [illegible]<br>1st 2 ½ [illegible] not so bulky as Cast Cat.<br>See tube blank. | 10194 | 1833 | 1871 | 1854 | 1671* | 1363 | 1325 X<br>1696 |  | 938 | 846 X<br>992 | 788 | 938 |
|  | 10195 | 1850 | 1854 | 1858 | 1629 | 1250 | 1242 X<br>1546 |  | 900 | 1075 X<br>1242 | 475 | 900 Co |
|  | 10196 | 1854 | 1850 | 1804 | 1658 | 1304 | 129<br>1533 X |  | 796 | 1108 X<br>1263 | 458 | 796 |
| Dup 10179<br>Except Ra 719 - Drained 3 hours<br>21% | 10197 | 1513 | 1388 | 1229 | Co Ni to E |  |  |  |  |  |  |  |
|  | 10198 | 1529 | 1342 | 1117 |  |  |  |  |  |  |  |  |
|  | 10199 | 1529 | 1496 | 1350 |  |  |  |  |  |  |  |  |
| Dup 10197<br>21% KOH 2 grms LiOH. | 10200 | 1708 | 1775 | 1767 |  | 1608<br>1788 | 1521 | 1654 | 739 | 1458<br>1625 | 797 | Co |
|  | 10201 | 1679 | 1758 | 1779 |  | 1546<br>1850 | 1417 | 1746 | 725 | 1404<br>1405 | 774 |  |
|  | 10202 | 1717 | 1775 | 1750 |  | 1625<br>1800 | 1563 | 1725 | 771 | 1500<br>1567 | 808 |  |
| Dup 10179<br>Except Ra 719 Drained 4 hours.<br>21% | 10203 | 1629 | 1454 | 1250 | Co. Ni's to E |  |  |  |  |  |  |  |
|  | 10204 | 1608 | 1579 | 1442 |  |  |  |  |  |  |  |  |
|  | 10205 | 1592 | 1500 | 1375 |  |  |  |  |  |  |  |  |
| Dup 10203<br>21% KOH. 2 grms LiOH — | 10206 | 1742 | 1806 | 1750 |  | 1650<br>1832 | 1638 | 1746 | 674 | 1463<br>1663 | 783 | Co |
|  | 10207 | 1729 | 1750 | 1750 |  | 1571<br>1742 | 1442* | 1654 | 700 | 1360<br>1417 | 645 |  |
|  | 10208 | 1742 | 1738 | 1583 |  | 1454<br>1621 | 1363 | 1527 | 604 | 1350<br>1483 | 733 |  |

|  |  |  | 25 | 50 | 100 | 150 | 200 | 200½ | Hot | 250 | ½ | Hot |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10179 Except RA 719 Drained 10 hours filter bag — 21%. | 10209 | 1579 | 1475 | 1329 | Co |  |  |  |  |  |  |  |  |
|  | 10210 | 1625 | 1467 | 1233 |  |  |  |  |  |  |  |  |  |
|  | 10211 | 1608 | 1521 | 1379 |  |  |  |  |  |  |  |  | 150 Hot |
| Dup 10209 21% KOH 2 grams LiOH - | 10212 | 1679 | 1763 | 1688 |  | 1454<br>1613 | 1379 | 1521 | 663 | 1317 | 1463 | 693 | 588 Co |
|  | 10213 | 1692 | 1746 | 1642 |  | 1425<br>1583 | 1400 | 1513 | 567 | 1325 | 1475 | 846 | 621 |
|  | 10214 | 1667 | 1763 | 1713 |  | 1521<br>1708 | 1417 | 1575 | 717 | 1379 | 1460 | 875 | 667 |
|  | 10215 |  |  |  | 613<br>721 |  |  |  |  |  |  |  | 613 |
|  | 10216 |  |  |  | 667<br>733 |  |  | Tubes Burst - |  |  |  |  | 617 |
|  | 10217 |  |  |  | 538 |  |  |  |  |  |  |  | 513 |
|  | 10218 |  |  |  | ½V 500 X |  | 3 rings burst. |  |  |  |  |  | 479 |
|  | 10219 |  |  |  | 542 X |  | 1 " |  |  |  |  |  | 525 |
|  | 10220 |  |  |  | 500 X |  | Split 2 Rings burst |  |  |  |  |  | 463 |
| Ray 721 sample B of 6 lbs 4.6 Elect Rogers tubes - 6 Rings 4.2 24/23 KOH 11206 | 10221 | 1738 | X | 1775 | 1723 708<br>1768 | 1704<br>1721 | 1579 | 1688 | 383 | 1738 | 1750 | 317 | 4 with 2 grams no LiOH. Co |
|  | 10222 | 1754 |  | 1783 | 1804 300<br>1817 | 1713<br>1722 | 1700 | 1713 | 388 | 1779 | 1796 | 358 |  |
| Dup - 21K 2 LiOH. | 10223 | 1792 | X | 1938 | 1833 429<br>1875 | 1804<br>1950 | 1617 | 1854 | 908 | 1346 | 1617 | 829 | 4 7g LiOH. Co |
|  | 10224 | 1779 |  | 1950 | 1896 511<br>1942 | 1763<br>1959 | 1625 | 1854 | 904 | 147 | 1625 | 925 |  |
| 721 - takes one row perf linear 6 rings - made on Rogers mac 4.4 24.6 - Elect not [illegible] 21K 11235 | 10225 | 1700 | X | 1688 | 1683 314<br>1696 | Co |  |  |  |  |  |  |  |
|  | 10226 | 1667 |  | 1683 | 1713 304<br>1767 |  |  |  |  |  |  |  |  |
| Dup 10225 21K 2 LiOH | 10227 | 1692 | X | 1863 | 1875 724<br>1925 | 1788<br>1867 | 1658 | 1867 | 829 | 1558 | 1800 | 896 | Co |
|  | 10228 | 1763 |  | 1900 | 1867 729<br>1942 | 1688<br>1813 | 1547 | 1679 | 788 | 1458 | 1667 | 771 |  |
| Dup 10225 Except frequency/103 of ox [illegible] not purified - 4.4 24.6 21K | 10229 | 1696 | X | 1650 | 1654 350<br>1663 | Co |  |  |  |  |  |  |  |
|  | 10230 | 1700 |  | 1717 | 1697 361<br>1704 |  |  |  |  |  |  |  |  |
| Dup 10229 21K 2 LiOH. | 10231 | 1796 | X | 1900 | 1854<br>1946 | 1583<br>1729 | 1454 | 1617 | 800 | 1375 | 1538 | 779 | S, 1 Ring Co |
|  | 10232 | 1821 |  | 1883 | 1783<br>1850 | 1525<br>1654 | 1367 * | 1508 | 733 | 1258 | 1375 | 725 |  |

Swelled 1 Ring

| | | Cold | 50 | ½ | Hot | 100 | ½ | Hot | 150 | ½ | Hot | 200 | ½ | H | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 721 RA greenlay No 3 of C on [illegible] No 11 4.2 25. 8 Rings 21K 10.966 | 10233 | 1788 | 1746 | 1754 | 267 | 1608 | 1617 | 358 | 1625 | 1642 | [illegible] | 1642 | 1754 | 313 | Co |
| | 10234 | 1738 | 1708 | 1725 | 221 | 1550 | 1563 | 354 | 1550 | 1563 | | 1642 | 1708 | 225 | |
| Deep 10233 | 10235 | 1771 | 1879 | 1938 | 575 | 1854 | 1913 | 958 | 1813 | 1963 | 853 | 1613 | 1950 | 708 | Co |
| | 10236 | 1804 | 1896 | 1942 | 550 | 1888 | 1938 | 1029 | 1750 | 1913 | 804 | 1558 | 1833 | 704 | |
| 21K 2 Gold. 718 RA greenlay of No 8 9-10 green from sample No 6 of 4.4 21 grain green [illegible] 21K 11081 | 10237 | 1800 | 1667 | 1696 | 267 | 1446 | 1500 | 458 | 1417 | 1454 | 325 | 1417 | 1458 | 300 | Co |
| | 10238 | 1833 | 1700 | 1738 | 275 | 1568 | 1550 | 467 | 1463 | 1500 | 392 | 1475 | 1500 | 280 | |
| Deep 10237 21K 2 Gold. | 10239 | 1742 | 1517 | 1667 | 438 | 1321 | 1504 | 846 | 1250 | 1300 | 608 | 1179 | 1250 | 625 | |
| | 10240 | 1742 | 1642 | 1775 | 425 | 1388 | 1538 | 871 | 1313 | 1383 | 633 no flake | 1196 | 1283 | 646 | |
| Long tubes from Rogers Cell that goes only 140- 2 ft 21K 2 Gold. | 10241 | 1742 | 1856 | 2033 | 713 | 1667 | 1933 | 738 | 1604 | 1917 | 971 | 1467 | 1642 | 654 | Co |
| | To | 1754 | 1908 | 2004 | 754 | 1667 | 1954 | 800 | 1566 | 1842 | 863 | 1450 | 1617 | 721 | |
| | 10246 | 1675 | 1796 | 1879 | 742 | 1617 | 1938 | 779 | 1500 | 1733 | 742 | 1417 | 1592 | 733 | |
| | | 1721 | 1896 | 2021 | 771 | 1667 | 2063 | 783 | 1604 | 1983 | 733 | 1467 | 1696 | 758 | |
| | | 1733 | 1908 | 1946 | 771 | 1600 | 1929 | 733 | 1450 | 1646 | 679 | 1367 | 1521 | 688 | |
| | | 1713 | 1875 | 1917 | 838 | 1617 | 1950 | 713 | 1500 | 1917 | 792 | 1433 | 1679 | 808 | |
| | | | | | | | | | | | | 6)8601<br>1437 | | | |
| Long tubes by Rogers before putting in Cell - | 10247 | 1692 | 1833 | 1913 | 783 | 1592 | 1925 | 708 | 1500 | 1738 | 743 | 1429 | 1608 | 721 | Co |
| | to | 1683 | 1833 | 1946 | 729 | 1667 | 1983 | 700 | 1521 | 1842 | 708 | 1508 | 1700 | 742 | |
| | 10252 | 1667 | 1817 | 1875 | 696 | 1667 | 1983 | 696 | 1542 | 1975 | 767 | 1508 | 1771 | 750 | |
| | | 1613 | 1796 | 1833 | 679 | 1813 | 2071 | 783 | 1779 | 2158 | 800 | 1596 | 2188 | 792 | |
| | | 1700 | 1817 | 1888 | 713 | 1629 | 1946 | 725 | 1500 | 1842 | 758 | 1392 | 1696 | 729 | |
| | | 1700 | 1817 | 1954 | 729 | 1629 | 1897 | 679 | 1600 | 1938 | 783 | 1475 | 1742 | 754 | |
| | | | | | | | | | 1573 | | | 6)8908<br>1484 | | | |

|  |  |  | 50 | 1/2 | Hot | 100 | 1/2 | Hot | 150 | 1/2 | Hot |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dup 10247<br>only made at [illegible] —<br>24 f 728 gr fm Rogers<br>11404 | 10253 | 1658 | 1292 | 1413 | 517 |  |  |  | 1208 | 1367 | 688 |  |  |  |  |
|  | 10254 | 1696 | 1608 | 1708 | 529 |  |  |  | 1292 | 1567 | 708 | 1276 | 1438 | 725 | to E<br>Cut open |
|  | 10255 | 1675 | 1625 | 1733 | 596 |  |  |  | 1238<br>1246 | 1417 | 738 | 1238<br>1257 | 1304 | 688 |  |
| Tubes given to me by Rogers 781 Ni 26427<br>flake OX [illegible]<br>Tubes never been run | 10256 | 1713 | 1742 | 1763 | 596 |  |  |  | 1646 | 2108 | 750 | 1608 | 2083 | 742 | Co |
|  | 10257 | 1717 | 1721 | 1733 | 571 |  |  |  | 1750 | 2075 | 817 | 1625 | 2042 | 750 |  |
|  | 10258 | 1750 | 1729 | 1750 | 558 |  |  |  | 1713 | 2021 | 771 | 1608 | 1942 | 688 |  |
|  | 10259 | 1663 | 1738 | 1763 | 563 |  |  |  | 1871 | 2075 | 843 | 1717 | 2079 | 846 |  |
|  | 10260 | 1758 | 1767 | 1779 | 513 |  |  |  | 1867 | 2158 | 813 | 1642 | 2113 | 842 |  |
|  | 10261 | 1729 | 1738 | 1750 | 413 |  |  |  | 1713 | 2058 | 750 | 1600<br>6)9861<br>1643 | 2050 | 850 |  |
| Tubes fm Rogers<br>flake 27 730 green | 10262 | 1604 | 1767 | 1788 | 421 | 1842 | 1942 | 746 | 1796 | 2013 | 758 | 1729 | 1979 | 913 | further along split. |
|  | 10263 | 1588 | 1779 | 1808 | 446 | 1883 | 1979 | 871 | 1875 | 2067 | 688 | 1833 | 2017 | 933 |  |
|  | 10264 | 1617 | 1779 | 1804 | 479 | 1867 | 1958 | 936 | 1858 | 2075 | 796 | 1733 ✓<br>3)5295<br>1765 | 1996 | 913 |  |
| Tubes fm Rogers 28 fl<br>~~730~~ RQ — 28 fl | 10265 | 1617 | 1767 | 1838 | 488 | 1838 | 2025 | 992 | 1546 | 1875 | 808 | 1450 | 1713 | 792 |  |
|  | 10266 | 1717 | 1825 | 1875 | 467 | 1763 | 2029 | 892 | 1488 | 1796 | 583 | 1442 | 1708 | 729 |  |
|  | 10267 | 1721 | 1846 | 1888 | 454 | 1792 | 2033 | 804 | 1554<br>4558<br>1519 | 1867 | 683 | 1575<br>3)4467<br>1489 | 1671 | 775 |  |
| Tubes fm Rogers<br>flake 29 730 RQ — | 10268 | 1713 | 1808 | 1858 | 383 | 1646 | 1917 | 692 | 1463 | 1679 | 621 | E Cut open |  |  | Co |
|  | 10269 | 1733 | 1788 | 1863 | 429 | 1550 | 1871 | 679 | 1408 | 1546 | 633 | 1367 | 1479 | 621 | on bad flake even if little tubes |
|  | 10270 | 1725 | 1867 | 1933 | 479 | 1863 | 2092 | 821 | 1646 | 1988 | 708 | 1558<br>2)2925<br>1462 | 1829 | 696 |  |

give to E

|  |  | Cold | 50 | ½ | H | 100 | ½ | Hot | 150 | ½ | Hot |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tubes for Rogers<br>RA 730 10 30 fl<br>[illegible] | 10271 | 1729 | 1883 | 1908 | 500 | 1950 | 2054 | 954 | 1771 | 2071 | 763 | 1— |  |  | Co |
|  | 10272 | 1717 | 1854 | 1888 | 492 | 2058 | 2167 | 1058 | 1967 | 2229 | 776 | 1746 | 2046 | 656 |  |
|  | 10273 | 1725 | 1829 | 1871 | 504 | 1863 | 2033 | 963 | 1646 | 1979 | 729 | 1542<br>2)3288<br>1644 | 1833 | 813 | [illegible] E |
| Tubes for Rogers<br>730 RA 32 fl [illegible]<br>[illegible] | 10274 | 1738 | 1854 | 1908 | 527 | 1950 | 2083 | 942 | 1667 | 2063 | 758 | 1617 | 2038 | 850 | Co |
|  | 10275 | 1742 | 1825 | 1867 | 421 | 1842 | 2021 | 854 | 1563 | 1808 | 667 | 1479 | 1713 | 804 |  |
| 2 [illegible] | 10276 | 1758 | 1871 | 1917 | 458 | 1808 | 2029 | 692 | 1458 | 1792 | 658 | 1425<br>3)4521<br>1507 | 1704 | 775 |  |
| Rogers [illegible]<br>34 fl 730 Ra | 10277 | 1733 | 1804 | 1829 | 433 | 1883 | 1958 | 821 | 1854 | 2021 | 663 | 1858 | 1992 | 763 |  |
|  | 10278 | 1729 | 1829 | 1854 | 471 | 1925 | 2013 | 875 | 1938 | 2063 | 758 | 1900 | 2063 | 775 |  |
|  | 10279 | 1696 | 1768 | 1792 | 404 | 1833 | 1938 | 842 | 1771 | 1958 | 688 | 1733<br>3)5491<br>1830 | 1950 | 700 |  |
| Rogers [illegible]<br>35 fl 730 Ra | 10280 | 1713 | 1792 | 1813 | 408 | 1904 | 1963 | 967 | 1908 | 2050 | 754 | 1850 | 2021 | 721 |  |
|  | 10281 | 1685 | 1750 | 1788 | 421 | 1858 | 1946 | 863 | 1817 | 1979 | 667 | 1779 | 1958 | 654 |  |
|  | 10282 | 1654 | 1708 | 1725 | 371 | 1768 | 1863 | 554 | 1667 | 1833 | 504 | 1704<br>3)5333<br>1777 | 1850 | 375 |  |
| Rogers [illegible]<br>36 f 730 Ra | 10283 | 1779 | 1850 | 1879 | 388 | 1958 | 2025 | 904 | 1854 | 2050 | 679 | 1704 | 1925 | 629 |  |
|  | 10284 | 1804 | 1888 | 1921 | 488 | 1958 | 2104 | 638 | 1696 | 1975 | 588 | 1600 | 1821 | 625 |  |
|  | 10285 | 1767 | 1858 | 1883 | 475 | 1904 | 2013 | 771 | 1771 | 1996 | 546 | 1704<br>3)5008<br>1669 | 1917 | 633 |  |
|  | 10289 | 1688 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 10290 | 1675 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thus 21% only | 10291 | 1708 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thus [illegible] | 10292 | 1613 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 10293 | 1638 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 10294 | 1433 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 10295 | 1292 |  |  |  |  |  |  |  |  |  |  |  |  |  |

| | |
|---|---|
| 10296 | 1575 |
| 10297 | 1242 |

| | | 400 | 1/2 | 14 | |
|---|---|---|---|---|---|
| Tubes fm Rogers 27 f | 10262 | 1729 | 2167 | 1233 | Split |
| 730 gr 8 Rings | 10263 | 1875 | 2167 | 1188 | |
| | 10264 | 1692* | 2046 | 1146 | |
| Rogers tubes fl 34 | 10277 | 1863 | 2238 | 1397 | |
| 730 green | 10278 | 1900 | 2192 | 1358 | |
| | 10279 | 1708 | 2075 | 1133 | |
| Rogers Tubes flake | 10280 | 1792 | 2158 | 1167 | |
| 35 730 green | 10281 | 1721 | 2063 | 1092 | |
| | 10282 | 1525 | 1850 | 908 | |
| | | ⓪ 250 | | | |
| Tubes fm Monahan OX | 10286 | 1458 | 1783 | 883 | |
| + Thrift f 15A | 10287 | 1688 | 2042 | 871 | |
| 732 green | 10288 | 1708 | 1979 | 1029 | |
| | | 200 | | | |
| 3 tubes from Bat Co | 10308 | 1821 | 1975 | 950 | |
| Solid Ends | 309 | 1750 | 1917 | 921 | |
| 738 gr 18A f- | 10310 | 1804 | 1946 | 921 | |
| Dup — | 10311 | 1763 | 1917 | 964 | |
| Hollow cupped Ends | 10312 | 1738 | 1883 | 958 | |
| | 10313 | 1717 | 1904 | 971 | |

Split

Split

550

| | | | | | | |
|---|---|---|---|---|---|---|
| 10262 | 1738 | 2117 | 1171 | 1675 | 2025 | 1188 |
| 10263 | 1883 | 2175 | 1125 | 1758 | 2683 | 1121 |
| 10264 | 1658x | 1975 | 1054 | 1458x | 1771 | 988 |
| 10277 | 1963 | 2292 | 1117 | 1813 | 2146 | 1033 |
| 278 | 1929 | 2154 | 1017 | 1788 | 2075 | 996 |
| 279 | 1804 | 2142 | 1004 | 1646 | 2013 | 921 |
| 10280 | 1846 | 2117 | 979 | 1760 | 2008 | |
| 281 | 1875 | 2188 | 1000 | 1696 | 2038 | |
| 282 | 1625 | 1913 | 883 | 1538 | 1850 | |
| | 350 | | | 400 | | |
| 10286 | 1458 | 1729 | 933 | 1400 | 1604 | 838 |
| 87 | 1675 | 1949 | 954 | 1617 | 1946 | 896 |
| 88 | 1494 | 1971 | 983 | 1625 | 1925 | 921 |
| | 300 | | | | | |
| 10308 | 1867 | 1967 | 917 | 1758 | 1954 | 929 |
| 309 | 1817 | 1958 | 938 | 1721 | 1950 | 933 |
| 310 | 1871 | 1979 | 946 | 1771 | 1992 | 896 |
| | 300 | | | | | |
| 10311 | 1846 | 1967 | 988 | 1767 | 2008 | 958 |
| 12 | 1800 | 1896 | 929 | 1717 | 1883 | 829 |
| 13 | 1825 | 1925 | 793 | 1717 | 1883 | 838 |

739 — thru 30 on 190 155 f.
51K 28 under new automatic
mod Feby 25 09 —
Revolving furnace at Slough
B works
10540

| | 100 | ½ | H | |
|---|---|---|---|---|
| 10340 | 1788 | 1892 | 783 | |
| 10341 | 1804 | 1938 | 771 | |
| | Cold | 150 | | |
| 10342 | 1742 | 1813 | 1867 | 613 |
| 10343 | 1721 | 1846 | 1900 | 683 |
| 10344 | 1779 | 1888 | 1942 | 675 |

Reg long tubes from Batty Co f no ox or H. To test of graphite mixed part rings on [illegible] 21K2Li
after 50 runs changed to plain 21K

| | | | |
|---|---|---|---|
| | 200 | | |
| 10340 | 1813 | 1892 | 788 |
| 341 | 1871 | 1946 | 771 |
| | 100 | | |
| 10342 | 1729 | 1754 | |
| 43 | 1775 | 1808 | |
| 44 | 1796 | 1821 | |

'Loss in 21K only first 50th run

| | | | |
|---|---|---|---|
| | 50 | | |
| 10345 | 2058 | 2096 | 1396 |
| 346 | 2121 | 2158 | 1417 |

250

| | | | |
|---|---|---|---|
| 10340 | 1700 | 1921 | 688 |
| 41 | 1821 | 1971 | 692 |

Carried forward

| | 250 | ½ | Hal | 300 | ½ | H | 450 | ½ | H |
|---|---|---|---|---|---|---|---|---|---|
| 10262 | 1717 | 2000 | 927 | | | | 1688 | 2075 | 1004 |
| 10263 | 1808 | 2038 | 938 | | | | 1863 | 2163 | 1317 |
| 10264 | 1758 | 2004 | 917 | | | | 1633 | 1975 | 1138 |
| 10277 | 1863 | 2079 | 1083 | | | | 1938 | 2225 | 1442 |
| 10278 | 1917 | 2113 | 1075 | | | | 1908 | 2146 | 1350 |
| 10279 | 1721 | 1954 | 875 | | | | 1775 | 2133 | 1213 |
| 10280 | 1783 | 2000 | 958 | | | | 1775 | 2104 | 1250 |
| 10281 | 1750 | 1963 | 775 | | | | 1771 | 2096 | 1175 |
| 10282 | 1667 | 1854 | 229 | | | | 1583 | 1879 | 1029 |
| | 100 | | | | | | | | |
| 10286 | 1829 | 1963 | 663 | 1425 | 1775 | 946 | | | |
| 10287 | 1863 | 1992 | 713 | 1738 | 2017 | 979 | | | |
| 10288 | 1800 | 1904 | 713 | 1729 | 2008 | 817 | | | |
| | 50 | | | | | | | | |
| 10289 | 1588 | 1592 | 250 | | | | | | |
| 10290 | 1625 | 1663 | 454 | | | | | | |
| 10291 | 1729 | 1763 | 550 | | | | | | |
| 10292 | 1633 | 1658 | 475 | | | | | | |
| 10293 | 1729 | 1746 | 500 | | | | | | |
| 10294 | 1396 | 1454 | 379 | | | | | | |

| | | 50 | 1/2 | Hal | |
|---|---|---|---|---|---|
| | 10295 | 1417 | 1450 | 342 | |
| | 10296 | 1738 | 1775 | 467 | |
| | 10297 | 1521 | 1554 | 333 | |
| | | Fced | | | |
| 2 tubes 2 lb Lot B. flake | 10345 | 1892 | | | |
| Same as in the 3 cycle made for [illegible] | 10346 | 1917 | | | |
| | | 50 | | | |
| | 10308 | 1750 | 1808 | 483 | |
| | 10309 | 1696 | 1746 | 500 | |
| | 10310 | 1750 | 1792 | 500 | |
| | 10311 | 1750 | 1813 | 308 | |
| | 10312 | 1663 | 1725 | 458 | |
| | 10313 | 1688 | 1750 | 529 | |
| | 10340 | | | | |
| | 10341 | | | | |
| | | | 50 | 1/2 | H |
| | 10342 | | 1667 | 1692 | 763 |
| Changed to plain 21K after 50 hot | 10343 | | 1725 | 1742 | 829 |
| | 10344 | | 1750 | 1779 | 888 |

was 21K

| | | |
|---|---|---|
| 100 | 1/2 | H |
| 2004 | 2088 | 1496 |
| 2025 | 2108 | 1525 |
| 250 | 1/2 | H |
| 1821 | 1975 | 921 |
| 1754 | 1921 | 958 |
| 1813 | 1958 | 942 |
| 1758 | 1942 | 1025 |
| 1733 | 1896 | 917 |
| 1738 | 1900 | 933 |
| 150 | | |
| 1800 | 1900 | 738 |
| 1800 | 1900 | 796 |

|  | 600 | 1/2 | H | 650 | 1/2 | H | 700 | 1/2 | H |
|---|---|---|---|---|---|---|---|---|---|
| 10262 | 1625 | 2042 | 871 | 1592 | 2000 | 1050 | 1563 | 1938 | 1092 |
| 10263 | 1721 | 2113 | 1125 | 1563 | 1988 | 1096 | 1479 | 1850 | 979 |
| 10264 | 1396 | 1738 | 988 | $1242^{xs}$ | 1596 | 1000 |  |  |  |
| 10277 | 1733 | 2154 | 1021 | 1663 | 2083 | 1108 | 1575 | 2033 | 1071 |
| 10278 | 1717 | 2063 | 958 | 1683 | 2083 | 1108 | 1571 | 1971 | 996 |
| 10279 | 1646 | 2054 | 958 | 1604 | 2096 | 1043 | 1525 | 1933 | 983 |
| 10280 | 1683 | 1992 | 1017 | 1604 | 1921 | 1042 | 1450 | 1808 | 871 |
| 10281 | 1721 | 2104 | 1042 | 1654 | 2042 | 1038 | 1513 | 1850 | 883 |
| 10282 | 1546 | 1883 | 950 | 1404 | 1750 | 971 | 1413 | 1704 | 854 |
|  | 450 |  |  |  |  |  | 550 |  |  |
| 10286 | 1321 | 1625 | 942 | 1254 | 1500 | 933 | 1250 | 1508 | 863 |
| 10287 | 1521 | 1863 | 946 | 1454 | 1775 | 975 | 1375 | 1754 | 921 |
| 10288 | 1583 | 1867 | 963 | 1471 | 1854 | 988 | 1442 | 1804 | 1025 |
|  | 400 |  |  | 450 |  |  | 500 |  |  |
| 10308 | 1721 | 1971 | 913 | 1658 | 1921 | 988 | 1629 | 1983 | 1096 |
| 10309 | 1688 | 1963 | 933 | 1596 | 1958 | 979 | 1604 | 1967 | 1058 |
| 10310 | 1733 | 1992 | 904 | 1633 | 2021 | 1000 | 1546 | 2033 | 1042 |
|  |  |  |  |  |  |  | 500 |  |  |
| 10311 | 1717 | 2000 | 929 | 1596 | 2033 | 1033 | 1417 | 2113 | 1038 |
| 10312 | 1683 | 1900 | 946 | 1638 | 1904 | 979 | 1571 | 1929 | 1000 |
| 10313 | 1688 | 1896 | 908 | 1617 | 1933 | 992 | 1563 | 1979 | 1008 |

|  | 750 | 1/2 | 1T | 1000<br>.9 |  |  |  |
|---|---|---|---|---|---|---|---|
| 10262 | 1521 | 1929 | 613 | 1288 | 1317 | 933 | Elements Saved |
| 263 | 1438 | 1804 | 704 | 1113 | 1221 | 883 |  |
| 264 | — | — |  |  |  |  |  |
| 10277 | 1608 | 2008 | 642 | 1333 | 1429 | 917 | Elements Saved |
| 278 | 1492 | 1867 | 608 | 1354 | 1433 | 875 |  |
| 279 | 1542 | 1871 | 583 | 1313 | 1383 | 813 |  |
| 10280 | 1438 | 1738 | 588 | 1415 | 1508 | 913 |  |
| 281 | 1517 | 1883 | 496 | 1475 | 1580 | 967 |  |
| 282 | 1400 | 1721 | 546 | 1238 | 1300 | 879 |  |
|  |  |  |  | 850 | 1/2 | 1T |  |
| 10286 | 1367 | 1479 | 563 | 1083 | 1167 | 875 | Saved Elements |
| 287 | 1388 | 1679 | 504 | 1213 | 1292 | 888 |  |
| 288 | 1392 | 1729 | 563 | 1279 | 1392 | 925 |  |
|  |  |  |  | 800 | 1/2 | 1T |  |
| 10308 | 1650 | 2050 | 621 | 1554 | 1679 | 942 |  |
| 309 | 1625 | 2004 | 621 | 1567 | 1663 | 942 |  |
| 310 | 1604 | 2096 | 642 | 1567 | 1700 | 1008 |  |
|  |  |  |  | 900 |  |  |  |
| 10311 | 1425 | 2158 | 596 | 1625 | 1821 | 1021 |  |
| 312 | 1513 | 2000 | 584 | 1600 | 1725 | 833 |  |
| 313 | 1604 | 2046 | 563 | 1604 | 1746 | 1004 |  |

| | 300 | 1/2 | H | 350 | 1/2 | H | 300 | 1/2 | H | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10310 | 1713 | 1913 | 767 | 1583 | 1946 | 867 | | | | | | |
| 10311 | 1775 | 2000 | 800 | 1679 | 2058 | 938 | | | | | | |
| | 200 | | | 250 | | | | | | 600 | 1/2 | H |
| 10342 | 1788 | 1908 | 738 | 1700 | 1938 | 875 | 1567 | 1975 | 913 | 1425 | 1488 | 879 |
| 10343 | 1829 | 1938 | 833 | 1725 | 1958 | 892 | 1600 | 1946 | 925 | 1479 | 1558 | 892 |
| 10344 | 1875 | 1992 | 857 | 1854 | 2046 | 875 | 1663 | 2013 | 917 | 1529 | 1633 | 838 |
| | 150 | | | 200 | | | 250 | | | 550 | 1/2 | H |
| 10345 | 1958 | 2058 | 1592 | 1858 | 2150 | 1663 | 1721 | 2175 | 1563 | 1625 | 1758 | 946 |
| 10346 | 1967 | 2150 | 1642 | 1754 | 2083 | 1592 | 1663 | 2083 | 1592 | 1458 | 1604 | 1029 |
| | Cold | | | | | | | | | | | |
| 10347 | 1346 | | | | | | | | | | | |
| 48 | 1350 | | | | | | | | | | | |
| 49 | 1267 | | | | | | | | | | | |
| 10350 | 1496 | | | | | | | | | | | |
| 51 | 1479 | | | | | | | | | | | |
| 52 | 1379 | | | | | | | | | | | |
| | 400 | | | 450 | | | 400 | 1/2 | H | | | |
| 10340 | 1550 | 2004 | 846 | 1425 | 2063 | 500 | 1654 | 1729 | 900 | | | |
| 10341 | 1554 | 2104 | 963 | 1604 | 2208 | 604 | 1679 | 1767 | 913 | | | |

|  |  |  |  |
|---|---|---|---|
|  | 350 |  |  |
| 10342 | 1471 | 1929 | 638 |
| 343 | 1429 | 1950 | 600 |
| 344 | 1625 | 2000 | 558 |
|  | 300 |  |  |
| 10345 | 1667 | 2221 | 1025 |
| 346 | 1667 | 2100 | 1063 |

**[ITEM FOUND IN BOOK]**

## Reg

Double

739 159 – 48 1194 1288 1358 1308 1282

Single

854 – 159 48 1302 1325 1268 1240

## B1

Double

739 70B1 48 1341 1341 1432 1345 1283

739 26B13 48 1488 1436 1435 1324

~~714 26 48 1484 1431~~

Singles

854 26B3 48 1481 1402 1331 1401

719 26B1 48 1431 1431 1444 1468

1164 26 48 1515 1566

**[ITEM FOUND IN BOOK]**

Single Crimp

| | | | |
|---|---|---|---|
| | | | 100 |
| 719 | 2lb Cot | 4 — 24 | 1418 |
| 719 | 159f Reg | 4 · 24 | 1132 |
| 719 | 2lb Cot | 4 — 36 | 1442 |
| 719 | Reg — | 4 36 | 1242 |
| 719 | 2lb Cot | 4 48 | 1431 |
| 719 | Reg | 4 - 48 | 1304 |

1304
1242
2546

| Single | | Double | |
|---|---|---|---|
| Reg | | ~~4~~ | |
| 24 | 1132 | | |
| 36 — | 1242 | 36 | 1314 |
| 48 | 1304 | 48 | 1288 |
| B. | | | |
| 24 | 1418 | 36 | 1425 |
| 36 — | 1442 | 48 — | 1341 |
| 48 | 1431 | 60 | 1260 |
| 60 | | 72 | 1186 |
| 72 | | | |

**[ITEM FOUND IN BOOK]**

-100-

739 Req — 4. - 36 — 1325 —
1303

B1 - 70 gm - " " 1434
1416

Req Tampo

739 Req 4 . 48 1288
1282

739 B1 4 48 1341

739 B1 4 - 60 — 1246
1278

739 Req 4 . 70 mlg — 1201
1209

739 - B1 2l6 - 4 — 70 gm — 1186

739 2 l6 4 60 1311

739 2 l6 4 - 48 1436

**[ITEM FOUND IN BOOK]**

|  |  |  |  | Single | Double |
|---|---|---|---|---|---|
| Req- | 4 | .24 — | 719 | 1132 | — |
| Req | 4 | 36 | 719 | 1242 | 1325 @ 1303 |
| Req | 4 | 48 | 719 | 1304 | 1288 739 |
| Req | 4 - | 70 | 719 |  | 1205 |
|  |  | 2.662t |  |  |  |
| Bi | 4 - | 36 — |  |  |  |
| Bi | 4 | 48 |  | 1431 | 1341 |
| Bi | 4 , | 60 |  |  | 1311 |

[ITEM FOUND IN BOOK]

50

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1588 | 854 | 266 | 4.4 | 24 | 1484 | 1418 | 1368 | 1416 |
| 1594 | 854 | 159 | 4.2 | 24 | 1248 | 1210 | 1195 | 1180 |
| 1600 | 854 | 266B1 | 4.5 | 48 | 1481 | 1402 | 1331 | 1401 |
| 1606 | 854 | 159 | 4.2 | 48 | 1302 | 1325 | 1265 | 1240 |
| 1885 | 1164 | 159 | 4.2 | 24 | 1225 | 1316 | 1311 | |
| 1888 | 1164 | 159 | 4.2 | 36 | 1310 | 1411 | 1364 | |
| 1891 | 1167 | 159 | 4.2 | 48 | 1316 | 1443 | 1406 | |
| 2075 | 1164 | 159 | 4.5 | 36 | 1331 | 1379 | | |
| 2084 | 1164 | 159 | 4.5 | 48 | 1380 | 1447 | | |
| 2090 | 1164 | 159 | 4.4 | 60 | 1328 | 1382 | | |
| 2096 | 1164 | 159 | 4.4 | 72 | 1298 | 1361 | | |
| 2102 | 1164 | 266B1 | 4.3 | 36 | 1361 | 1349 | | |
| 2108 | 1164 | 266B1 | 4.3 | 48 | 1515 | 1566 | | |
| 2294 | 1164-[illegible] | 159 | 4. | 48 | 1404 | | | |

**[ITEM FOUND IN BOOK]**

Double Tamp

| | | | | 50 | 100 | 150 | 200 | 250 |
|---|---|---|---|---|---|---|---|---|
| 739 | 159 | 4.2 | 35.8 | 1191 | 1303 | 1330 | 1303 | 1308 |
| 739 | 70 Bi | 4.6 | 24 | 1513 | 1521 | 1410 | 1344 | |
| 739 | 70 B. | 4.6 | 35.8 | 1425 | 1434 | 1374 | 1298 | 1237 |
| 739 | 159 | 4.3 | 47.7 | 1196 | 1288 | 1358 | 1308 | 1282 |
| 739 | 70 Bi | 4.7 | 47.7 | 1341 | 1341 | 1432 | 1345 | 1283 |
| 739 | 159 | 4.4 | 59.7 | 1225 | 1278 | 1261 | 1240 | 1226 |
| 739 | 159 | 4.4 | 70.2 | 1229 | 1207 | 1209 | 1156 | |
| 739 | 226 Bi | 4.6 | 70.2 | 1286 | 1186 | 1269 | 1206 | |
| 739 | 226 Bi | 4.6 | 60.3 | 1375 | 1311 | 1387 | 1301 | |
| 739 | 226 B. | 4.6 | 48 | 1468 | 1436 | 1435 | 1324 | |
| 1164 | 226 Bi | 4.6 | 24 | 1382 | 1331 | 1424 | 3 X 6<br>1483 | |
| 1165 | 226 B | 4.6 | 24 | 1332 | 1355 | 1409 | x 1.5<br>1438 | |
| 1201 | 226 B | 4.6 | 24 | 1415 | 1366 | 1446 | 1444 | |

Single Tamps -

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 719 | 226 Bi | 4.4 | 24 | 1468 | 1418 | 1353 | 1374 |
| 719 | 159 | 4 – | 24 | 1149 | 1132 | 1174 | 1207 |
| 719 | 226 B. | 4.4 | 36 | 1485 | 1442 | 1427 | 1453 |
| 719 | 159 | 4.4 | 36 | 1192 | 1242 | 1245 | 1275 |
| 719 | 226 B. | 4.4 | 48 | 1431 | 1431 | 1444 | 1468 |
| 719 | 159 | 4 – | 48 | 1254 | 1304 | 1308 | 1322 |
| 854 | 159 | 4 | 36 | 1312 | 1320 | 1357 | 1298 |
| 854 | 226 B. | 4.4 | 36.5 | 1485 | 1437 | 1448 | 1432 |